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1. Name of conveying party(ies): Eriko AJIOKA, Shigeru ASAMI, Hideaki SHIMODA, Hiroshi IKEDA, Yoshinari YAMASHITA and Hitoyoshi KURATA Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No 3. Nature of Conveyance: ■ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	2. Name and address of receiving party(ies): Name: TDK CORPORATION Address: 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo, JAPAN		
Execution Date: May 10, 2004	Additional name(s) and address(es) attached? ☐ Yes ■		
4. Application number(s) or patent number(s):			
☐ This document is being filed together with a new application			
A. Patent Application No.(s) 10/847,383	B. Patent No.(s)		
Additional numbers attached	d? □ Yes ■ No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1		
Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220	7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature To the best of my knowledge and belief, the foregoing information copy of the original document. Marvin J. Spivak Name of Person Signing Registration Number: 24,913 Registration Into Total number of pages including	fettafr. MAY 2 5 2005 Ture Date fetta, Jr. so. 26,803		
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Director of the United States Pate Mail Stop Assignment Re Alexandria, Virgi 5/2005 SZEWDIE1 00000093 10847383	cordation Services		

PATENT REEL: 016601 FRAME: 0353

Assignment of Application

Page 1 of 2

	Shigeru ASAMI Hideaki SHIMODA Hiroshi IKEDA Yoshinari YAMASHIT Hitoyoshi KURATA	A all of Tokyo, J	apan		
	Hiroshi IKEDA Yoshinari YAMASHIT		apan		
	Yoshinari YAMASHIT		apan		
			apan		
	Hitoyoshi KURATA	all of Tokyo, J	apan		
		·			
			-		
					, respectively,
have invented certain nev	v and useful improvemen	nts in: ELE	CTRONIC CO	MPONENT MODUL	<u>E</u>
for which an application	for Letters Patent was exe	ecuted on	May 10, 2	2004	
(Application No. 10/8	347,383	, filed _	May 18.	2004), and
WHEREAS, TDI	CORPORATION				
(hereinafter referred to as	"A SSIGNICE") hoving	a place of busin	ess at: 13-1	Nihonhashi 1-chon	ne
Chuo-ku, Tokyo, Japan	ASSIGNED J HAVING 8			i, i i mionio asini i -onon	u.,

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	May 10, 2004	一样 图 电重星
		(Signature of Inventor) Eriko AJIOKA
Date:	May 10, 2004	
		(Signature of Inventor) Shigeru ASAMI
Date:	May 10, 2004	下田杏昭
		(Signature of Inventor) Hideaki SHIMODA
Date:	May 10, 2004	- X2 75
		(Signature of Inventor) Hiroshi IKEDA
Date:	May 10, 2004	
		(Signature of Inventor) Yoshinari YAMASHITA
Date:	May 10, 2004	度四1二年
·		(Signature of Inventor) Hitoyoshi KURATA
Date:		
•		(Signature of Inventor)
Date:		
•		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

03/03

RECORDED: 05/25/2005

PATENT REEL: 016601 FRAME: 0355